

TITLE

ABSTRACT OF THE DISCLOSURE

[0084] A system and method is provided which enables pixel data stored in multiple memory pages to be combined in one data packet, thereby reducing the number of data packets needed to transfer a group of reference pixel data. In one embodiment for reducing the reference data fetch bandwidth, the method as applied to a real-time video decoding system optimally combines pixel data stored in different memory pages, and fits the pixel data into a predetermined number of data packets.

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